

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

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Tel: (615)726-0177

TestAmerica Job ID: 490-76988-1

Client Project/Site: Everett Terminal - Outfall 01 A

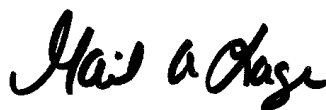
For:

ExxonMobil Company USA

PO BOX 874

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Attn: Jason Pociask



Authorized for release by:

4/30/2015 4:01:48 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-76988-1	Outfall 01 A-TSS - 1	Wastewater	04/20/15 18:50	04/22/15 08:30
490-76988-4	Outfall 01	Wastewater	04/20/15 18:50	04/22/15 08:30
490-76988-5	Trip Blank	Water	04/20/15 01:00	04/22/15 08:30

Case Narrative

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Job ID: 490-76988-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative 490-76988-1

Receipt

The samples were received on 4/22/2015 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.7° C.

HPLC/IC

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA

Method(s) 602: The matrix spike (MS) recoveries and precision for were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Client Sample ID: Outfall 01 A-TSS - 1

Lab Sample ID: 490-76988-1

Date Collected: 04/20/15 18:50

Matrix: Wastewater

Date Received: 04/22/15 08:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	11.2		2.00	1.40	mg/L			04/22/15 21:10	1

Client Sample Results

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Client Sample ID: Outfall 01

Date Collected: 04/20/15 18:50

Date Received: 04/22/15 08:30

Lab Sample ID: 490-76988-4

Matrix: Wastewater

Method: 1671A - Ethanol (GC/FID)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	<960		2000	960	ug/L			04/22/15 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Isopropyl acetate (Surr)	87		70 - 130					04/22/15 13:40	1

Method: 602 - Purgeable Aromatics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	9.57		1.00	0.360	ug/L			04/22/15 21:30	1
Toluene	5.70		1.00	0.330	ug/L			04/22/15 21:30	1
Ethylbenzene	2.23		1.00	0.370	ug/L			04/22/15 21:30	1
Xylenes, Total	66.6		3.00	0.600	ug/L			04/22/15 21:30	1
Methyl tert-butyl ether	28.3		1.00	0.460	ug/L			04/22/15 21:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	86		50 - 150					04/22/15 21:30	1

Method: 610 - PAHs (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.42	p	0.962	0.163	ug/L		04/24/15 11:53	04/30/15 08:10	1
Acenaphthylene	<0.221		0.962	0.221	ug/L		04/24/15 11:53	04/30/15 08:10	1
Anthracene	0.168	J p	0.962	0.0962	ug/L		04/24/15 11:53	04/30/15 08:10	1
Benzo[a]anthracene	<0.0192		0.192	0.0192	ug/L		04/24/15 11:53	04/30/15 08:10	1
Benzo[a]pyrene	<0.0192		0.0962	0.0192	ug/L		04/24/15 11:53	04/30/15 08:10	1
Benzo[b]fluoranthene	<0.0192		0.0962	0.0192	ug/L		04/24/15 11:53	04/30/15 08:10	1
Benzo[g,h,i]perylene	<0.0192		0.192	0.0192	ug/L		04/24/15 11:53	04/30/15 08:10	1
Benzo[k]fluoranthene	<0.0192		0.135	0.0192	ug/L		04/24/15 11:53	04/30/15 08:10	1
Chrysene	<0.0192		0.0962	0.0192	ug/L		04/24/15 11:53	04/30/15 08:10	1
Dibenz(a,h)anthracene	<0.0288		0.192	0.0288	ug/L		04/24/15 11:53	04/30/15 08:10	1
Fluoranthene	0.248	p	0.192	0.0288	ug/L		04/24/15 11:53	04/30/15 08:10	1
Fluorene	1.53		0.481	0.0385	ug/L		04/24/15 11:53	04/30/15 08:10	1
Indeno[1,2,3-cd]pyrene	<0.0385		0.192	0.0385	ug/L		04/24/15 11:53	04/30/15 08:10	1
Naphthalene	<0.327		0.962	0.327	ug/L		04/24/15 11:53	04/30/15 08:10	1
Phenanthrene	0.297	J p	0.481	0.0481	ug/L		04/24/15 11:53	04/30/15 08:10	1
Pyrene	0.0691	J p	0.192	0.0288	ug/L		04/24/15 11:53	04/30/15 08:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	101		25 - 135				04/24/15 11:53	04/30/15 08:10	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.150		0.200	0.150	ug/L		04/23/15 08:31	04/23/15 19:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	<1.58		4.52	1.58	mg/L		04/23/15 11:17	04/23/15 11:17	1
Cyanide, Available	0.00373		0.00200	0.00180	mg/L			04/24/15 09:55	1

TestAmerica Nashville

Client Sample Results

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Client Sample ID: Trip Blank

Date Collected: 04/20/15 01:00

Date Received: 04/22/15 08:30

Lab Sample ID: 490-76988-5

Matrix: Water

Method: 602 - Purgeable Aromatics (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.360		1.00	0.360	ug/L			04/22/15 18:19	1
Toluene	<0.330		1.00	0.330	ug/L			04/22/15 18:19	1
Ethylbenzene	<0.370		1.00	0.370	ug/L			04/22/15 18:19	1
Xylenes, Total	<0.600		3.00	0.600	ug/L			04/22/15 18:19	1
Methyl tert-butyl ether	<0.460		1.00	0.460	ug/L			04/22/15 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	89		50 - 150					04/22/15 18:19	1

QC Sample Results

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Method: 1671A - Ethanol (GC/FID)

Lab Sample ID: MB 490-243015/3

Matrix: Water

Analysis Batch: 243015

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	<960		2000	960	ug/L			04/22/15 12:38	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Isopropyl acetate (Surr)	87		70 - 130					04/22/15 12:38	1

Lab Sample ID: LCS 490-243015/4

Matrix: Water

Analysis Batch: 243015

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethanol	50000	49460		ug/L		99	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
Isopropyl acetate (Surr)	83		70 - 130				

Lab Sample ID: 490-76639-D-1 MS

Matrix: Water

Analysis Batch: 243015

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethanol	<960		50000	46150		ug/L		92	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
Isopropyl acetate (Surr)	82		70 - 130						

Lab Sample ID: 490-76639-D-1 MSD

Matrix: Water

Analysis Batch: 243015

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethanol	<960		50000	53100		ug/L		106	70 - 130	14	20
Surrogate	%Recovery	MSD Qualifier	Limits								
Isopropyl acetate (Surr)	83		70 - 130								

Method: 602 - Purgeable Aromatics (GC)

Lab Sample ID: MB 490-243105/19

Matrix: Water

Analysis Batch: 243105

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.360		1.00	0.360	ug/L			04/23/15 09:23	1
Toluene	<0.330		1.00	0.330	ug/L			04/23/15 09:23	1
Ethylbenzene	<0.370		1.00	0.370	ug/L			04/23/15 09:23	1
Xylenes, Total	<0.600		3.00	0.600	ug/L			04/23/15 09:23	1
Methyl tert-butyl ether	<0.460		1.00	0.460	ug/L			04/23/15 09:23	1

TestAmerica Nashville

QC Sample Results

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Method: 602 - Purgeable Aromatics (GC) (Continued)

Lab Sample ID: MB 490-243105/19

Matrix: Water

Analysis Batch: 243105

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	92		50 - 150		04/23/15 09:23	1

Lab Sample ID: MB 490-243105/4

Matrix: Water

Analysis Batch: 243105

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.360		1.00	0.360	ug/L			04/22/15 17:47	1
Toluene	<0.330		1.00	0.330	ug/L			04/22/15 17:47	1
Ethylbenzene	<0.370		1.00	0.370	ug/L			04/22/15 17:47	1
Xylenes, Total	<0.600		3.00	0.600	ug/L			04/22/15 17:47	1
Methyl tert-butyl ether	<0.460		1.00	0.460	ug/L			04/22/15 17:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	89		50 - 150		04/22/15 17:47	1

Lab Sample ID: LCS 490-243105/17

Matrix: Water

Analysis Batch: 243105

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	19.21		ug/L		96	39 - 150
Toluene	20.0	19.69		ug/L		98	46 - 148
Ethylbenzene	20.0	20.04		ug/L		100	32 - 160
Xylenes, Total	60.0	59.43		ug/L		99	66 - 136
Methyl tert-butyl ether	20.0	19.46		ug/L		97	56 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	97		50 - 150

Lab Sample ID: 490-76986-B-1 MS

Matrix: Water

Analysis Batch: 243105

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.360		20.0	9.612		ug/L		48	39 - 150
Toluene	<0.330		20.0	9.697		ug/L		48	46 - 148
Ethylbenzene	<0.370		20.0	9.391		ug/L		47	32 - 160
Xylenes, Total	<0.600	F1	60.0	27.82	F1	ug/L		46	66 - 136
Methyl tert-butyl ether	5.46	F1	20.0	14.75	F1	ug/L		46	56 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
a,a,a-Trifluorotoluene	93		50 - 150

TestAmerica Nashville

QC Sample Results

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Method: 610 - PAHs (HPLC)

Lab Sample ID: MB 490-243657/1-A

Matrix: Water

Analysis Batch: 244793

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.170		1.00	0.170	ug/L		04/24/15 11:53	04/30/15 06:57	1
Acenaphthylene	<0.230		1.00	0.230	ug/L		04/24/15 11:53	04/30/15 06:57	1
Anthracene	<0.100		1.00	0.100	ug/L		04/24/15 11:53	04/30/15 06:57	1
Benzo[a]anthracene	<0.0200		0.200	0.0200	ug/L		04/24/15 11:53	04/30/15 06:57	1
Benzo[a]pyrene	<0.0200		0.100	0.0200	ug/L		04/24/15 11:53	04/30/15 06:57	1
Benzo[b]fluoranthene	<0.0200		0.100	0.0200	ug/L		04/24/15 11:53	04/30/15 06:57	1
Benzo[g,h,i]perylene	<0.0200		0.200	0.0200	ug/L		04/24/15 11:53	04/30/15 06:57	1
Benzo[k]fluoranthene	<0.0200		0.140	0.0200	ug/L		04/24/15 11:53	04/30/15 06:57	1
Chrysene	<0.0200		0.100	0.0200	ug/L		04/24/15 11:53	04/30/15 06:57	1
Dibenz(a,h)anthracene	<0.0300		0.200	0.0300	ug/L		04/24/15 11:53	04/30/15 06:57	1
Fluoranthene	<0.0300		0.200	0.0300	ug/L		04/24/15 11:53	04/30/15 06:57	1
Fluorene	<0.0400		0.500	0.0400	ug/L		04/24/15 11:53	04/30/15 06:57	1
Indeno[1,2,3-cd]pyrene	<0.0400		0.200	0.0400	ug/L		04/24/15 11:53	04/30/15 06:57	1
Naphthalene	<0.340		1.00	0.340	ug/L		04/24/15 11:53	04/30/15 06:57	1
Phenanthrene	<0.0500		0.500	0.0500	ug/L		04/24/15 11:53	04/30/15 06:57	1
Pyrene	<0.0300		0.200	0.0300	ug/L		04/24/15 11:53	04/30/15 06:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	90		25 - 135	04/24/15 11:53	04/30/15 06:57	1

Lab Sample ID: LCS 490-243657/2-A

Matrix: Water

Analysis Batch: 244793

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	2.50	1.961		ug/L		78	1 - 124
Acenaphthylene	7.50	5.490		ug/L		73	1 - 139
Anthracene	2.50	2.123		ug/L		85	1 - 126
Benzo[a]anthracene	2.50	2.238		ug/L		90	12 - 135
Benzo[a]pyrene	2.50	1.998		ug/L		80	1 - 128
Benzo[b]fluoranthene	2.50	2.201		ug/L		88	6 - 150
Benzo[g,h,i]perylene	2.50	2.371		ug/L		95	1 - 116
Benzo[k]fluoranthene	2.50	2.214		ug/L		89	1 - 159
Chrysene	2.50	2.242		ug/L		90	1 - 199
Dibenz(a,h)anthracene	2.50	2.293		ug/L		92	1 - 110
Fluoranthene	2.50	2.105		ug/L		84	14 - 123
Fluorene	2.50	1.945		ug/L		78	1 - 142
Indeno[1,2,3-cd]pyrene	2.50	2.202		ug/L		88	1 - 116
Naphthalene	2.50	1.853		ug/L		74	1 - 122
Phenanthrene	2.50	2.049		ug/L		82	1 - 155
Pyrene	2.50	2.149		ug/L		86	1 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	106		25 - 135

TestAmerica Nashville

QC Sample Results

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Method: 610 - PAHs (HPLC) (Continued)

Lab Sample ID: LCSD 490-243657/4-A

Matrix: Water

Analysis Batch: 244793

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 243657

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	2.50	1.736		ug/L		69	1 - 124	12	50
Acenaphthylene	7.50	4.885		ug/L		65	1 - 139	12	50
Anthracene	2.50	1.855		ug/L		74	1 - 126	15	50
Benzo[a]anthracene	2.50	1.932		ug/L		77	12 - 135	15	50
Benzo[a]pyrene	2.50	1.662		ug/L		66	1 - 128	18	50
Benzo[b]fluoranthene	2.50	1.847		ug/L		74	6 - 150	17	50
Benzo[g,h,i]perylene	2.50	1.877		ug/L		75	1 - 116	23	50
Benzo[k]fluoranthene	2.50	1.850		ug/L		74	1 - 159	18	50
Chrysene	2.50	1.925		ug/L		77	1 - 199	15	50
Dibenz(a,h)anthracene	2.50	1.838		ug/L		74	1 - 110	22	50
Fluoranthene	2.50	1.824		ug/L		73	14 - 123	14	50
Fluorene	2.50	1.708		ug/L		68	1 - 142	13	50
Indeno[1,2,3-cd]pyrene	2.50	1.778		ug/L		71	1 - 116	21	50
Naphthalene	2.50	1.767		ug/L		71	1 - 122	5	50
Phenanthrene	2.50	1.803		ug/L		72	1 - 155	13	50
Pyrene	2.50	1.878		ug/L		75	1 - 140	13	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	91		25 - 135

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 490-243240/1-A

Matrix: Water

Analysis Batch: 243516

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243240

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.150		0.200	0.150	ug/L		04/23/15 08:31	04/24/15 07:50	1

Lab Sample ID: LCS 490-243240/2-A

Matrix: Water

Analysis Batch: 243516

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	0.9084		ug/L		91	85 - 115

Lab Sample ID: LCSD 490-243240/3-A

Matrix: Water

Analysis Batch: 243516

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 243240

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	1.00	0.9578		ug/L		96	85 - 115	5	20

TestAmerica Nashville

QC Sample Results

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: 490-76954-A-1-B MS

Matrix: Water

Analysis Batch: 243516

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 243240

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.150		1.00	0.8933		ug/L		89	70 - 130

Lab Sample ID: 490-76954-A-1-C MSD

Matrix: Water

Analysis Batch: 243516

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 243240

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.150		1.00	0.8033		ug/L		80	70 - 130	11	20

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 490-243322/1-A

Matrix: Water

Analysis Batch: 243325

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	<1.40		4.00	1.40	mg/L		04/23/15 11:17	04/23/15 11:17	1

Lab Sample ID: LCS 490-243322/2-A

Matrix: Water

Analysis Batch: 243325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease (HEM)	41.7	34.48		mg/L		83	78 - 114

Lab Sample ID: LCSD 490-243322/3-A

Matrix: Water

Analysis Batch: 243325

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 243322

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Oil & Grease (HEM)	41.7	35.42		mg/L		85	78 - 114	3	18

Lab Sample ID: 490-76970-B-7-A MS

Matrix: Water

Analysis Batch: 243325

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 243322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease (HEM)	<1.56		46.0	37.13		mg/L		81	78 - 114

Method: OIA-1677 - Cyanide, Available (Flow Injection)

Lab Sample ID: MB 180-139567/19

Matrix: Water

Analysis Batch: 139567

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Available	<0.00180		0.00200	0.00180	mg/L			04/24/15 09:43	1

TestAmerica Nashville

QC Sample Results

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Method: OIA-1677 - Cyanide, Available (Flow Injection) (Continued)

Lab Sample ID: LCS 180-139567/17

Matrix: Water

Analysis Batch: 139567

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Available	0.100	0.1126		mg/L		112	82 - 132

Lab Sample ID: LCSD 180-139567/18

Matrix: Water

Analysis Batch: 139567

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Available	0.100	0.1133		mg/L		113	82 - 132	1	20

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 490-243195/1

Matrix: Water

Analysis Batch: 243195

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<0.700		1.00	0.700	mg/L			04/22/15 21:10	1

Lab Sample ID: LCS 490-243195/2

Matrix: Water

Analysis Batch: 243195

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	100	102.3		mg/L		102	90 - 110

Lab Sample ID: LCSD 490-243195/3

Matrix: Water

Analysis Batch: 243195

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Suspended Solids	100	108.5		mg/L		109	90 - 110	6	20

Lab Sample ID: 490-76985-A-1 DU

Matrix: Water

Analysis Batch: 243195

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	121		118.7		mg/L		2	20

Lab Sample ID: 490-77004-E-1 DU

Matrix: Water

Analysis Batch: 243195

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	284		326.0		mg/L		14	20

TestAmerica Nashville

QC Association Summary

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

GC VOA

Analysis Batch: 243015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76639-D-1 MS	Matrix Spike	Total/NA	Water	1671A	
490-76639-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	1671A	
490-76988-4	Outfall 01	Total/NA	Wastewater	1671A	
LCS 490-243015/4	Lab Control Sample	Total/NA	Water	1671A	
MB 490-243015/3	Method Blank	Total/NA	Water	1671A	

Analysis Batch: 243105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76986-B-1 MS	Matrix Spike	Total/NA	Water	602	
490-76988-4	Outfall 01	Total/NA	Wastewater	602	
490-76988-5	Trip Blank	Total/NA	Water	602	
LCS 490-243105/17	Lab Control Sample	Total/NA	Water	602	
MB 490-243105/19	Method Blank	Total/NA	Water	602	
MB 490-243105/4	Method Blank	Total/NA	Water	602	

HPLC/IC

Prep Batch: 243657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76988-4	Outfall 01	Total/NA	Wastewater	610	
LCS 490-243657/2-A	Lab Control Sample	Total/NA	Water	610	
LCSD 490-243657/4-A	Lab Control Sample Dup	Total/NA	Water	610	
MB 490-243657/1-A	Method Blank	Total/NA	Water	610	

Analysis Batch: 244793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76988-4	Outfall 01	Total/NA	Wastewater	610	243657
LCS 490-243657/2-A	Lab Control Sample	Total/NA	Water	610	243657
LCSD 490-243657/4-A	Lab Control Sample Dup	Total/NA	Water	610	243657
MB 490-243657/1-A	Method Blank	Total/NA	Water	610	243657

Metals

Prep Batch: 243240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76954-A-1-B MS	Matrix Spike	Total/NA	Water	245.1	
490-76954-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	
490-76988-4	Outfall 01	Total/NA	Wastewater	245.1	
LCS 490-243240/2-A	Lab Control Sample	Total/NA	Water	245.1	
LCSD 490-243240/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	
MB 490-243240/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 243516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76954-A-1-B MS	Matrix Spike	Total/NA	Water	245.1	243240
490-76954-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	243240
490-76988-4	Outfall 01	Total/NA	Wastewater	245.1	243240
LCS 490-243240/2-A	Lab Control Sample	Total/NA	Water	245.1	243240
LCSD 490-243240/3-A	Lab Control Sample Dup	Total/NA	Water	245.1	243240
MB 490-243240/1-A	Method Blank	Total/NA	Water	245.1	243240

TestAmerica Nashville

QC Association Summary

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

General Chemistry

Analysis Batch: 139567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76988-4	Outfall 01	Total/NA	Wastewater	OIA-1677	
LCS 180-139567/17	Lab Control Sample	Total/NA	Water	OIA-1677	
LCSD 180-139567/18	Lab Control Sample Dup	Total/NA	Water	OIA-1677	
MB 180-139567/19	Method Blank	Total/NA	Water	OIA-1677	

Analysis Batch: 243195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76985-A-1 DU	Duplicate	Total/NA	Water	SM 2540D	
490-76988-1	Outfall 01 A-TSS - 1	Total/NA	Wastewater	SM 2540D	
490-77004-E-1 DU	Duplicate	Total/NA	Water	SM 2540D	
LCS 490-243195/2	Lab Control Sample	Total/NA	Water	SM 2540D	
LCSD 490-243195/3	Lab Control Sample Dup	Total/NA	Water	SM 2540D	
MB 490-243195/1	Method Blank	Total/NA	Water	SM 2540D	

Prep Batch: 243322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76970-B-7-A MS	Matrix Spike	Total/NA	Water	1664A	
490-76988-4	Outfall 01	Total/NA	Wastewater	1664A	
LCS 490-243322/2-A	Lab Control Sample	Total/NA	Water	1664A	
LCSD 490-243322/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	
MB 490-243322/1-A	Method Blank	Total/NA	Water	1664A	

Analysis Batch: 243325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-76970-B-7-A MS	Matrix Spike	Total/NA	Water	1664A	243322
490-76988-4	Outfall 01	Total/NA	Wastewater	1664A	243322
LCS 490-243322/2-A	Lab Control Sample	Total/NA	Water	1664A	243322
LCSD 490-243322/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	243322
MB 490-243322/1-A	Method Blank	Total/NA	Water	1664A	243322

Lab Chronicle

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Client Sample ID: Outfall 01 A-TSS - 1

Date Collected: 04/20/15 18:50

Date Received: 04/22/15 08:30

Lab Sample ID: 490-76988-1

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	500 mL	1000 mL	243195	04/22/15 21:10	CMO	TAL NSH

Client Sample ID: Outfall 01

Date Collected: 04/20/15 18:50

Date Received: 04/22/15 08:30

Lab Sample ID: 490-76988-4

Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1671A		1	1 mL		243015	04/22/15 13:40	MWT	TAL NSH
Total/NA	Analysis	602		1	5 mL	5 mL	243105	04/22/15 21:30	RRS	TAL NSH
Total/NA	Prep	610			1040 mL	1 mL	243657	04/24/15 11:53	ET	TAL NSH
Total/NA	Analysis	610		1	1040 mL	1 mL	244793	04/30/15 08:10	HMT	TAL NSH
Total/NA	Prep	245.1			30 mL	30 mL	243240	04/23/15 08:31	NJB	TAL NSH
Total/NA	Analysis	245.1		1	30 mL	30 mL	243516	04/23/15 19:46	NJB	TAL NSH
Total/NA	Analysis	1664A		1	850 mL	960 mL	243325	04/23/15 11:17	BAD	TAL NSH
Total/NA	Prep	1664A			850 mL	960 mL	243322	04/23/15 11:17	BAD	TAL NSH
Total/NA	Analysis	OIA-1677		1			139567	04/24/15 09:55	PGJ	TAL PIT

Client Sample ID: Trip Blank

Date Collected: 04/20/15 01:00

Date Received: 04/22/15 08:30

Lab Sample ID: 490-76988-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	602		1	5 mL	5 mL	243105	04/22/15 18:19	RRS	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Method Summary

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Method	Method Description	Protocol	Laboratory
1671A	Ethanol (GC/FID)	EPA	TAL NSH
602	Purgeable Aromatics (GC)	40CFR136A	TAL NSH
610	PAHs (HPLC)	40CFR136A	TAL NSH
245.1	Mercury (CVAA)	EPA	TAL NSH
1664A	HEM and SGT-HEM	1664A	TAL NSH
OIA-1677	Cyanide, Available (Flow Injection)	OI CORP	TAL PIT
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL NSH

Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Certification Summary

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	12-31-15
A2LA	ISO/IEC 17025		0453.07	12-31-15
Alaska (UST)	State Program	10	UST-087	10-31-15
Arizona	State Program	9	AZ0473	05-05-16
Arkansas DEQ	State Program	6	88-0737	04-25-16
California	State Program	9	2938	10-31-16
Connecticut	State Program	1	PH-0220	12-31-15
Florida	NELAP	4	E87358	06-30-15
Illinois	NELAP	5	200010	12-09-15
Iowa	State Program	7	131	04-01-16
Kansas	NELAP	7	E-10229	04-30-15 *
Kentucky (UST)	State Program	4	19	06-30-15
Kentucky (WW)	State Program	4	90038	12-31-15
Louisiana	NELAP	6	30613	06-30-15
Maryland	State Program	3	316	03-31-16
Massachusetts	State Program	1	M-TN032	06-30-15
Minnesota	NELAP	5	047-999-345	12-31-15
Mississippi	State Program	4	N/A	06-30-15
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-15
New Hampshire	NELAP	1	2963	10-09-15
New Jersey	NELAP	2	TN965	06-30-15
New York	NELAP	2	11342	03-31-16
North Carolina (WW/SW)	State Program	4	387	12-31-15
North Dakota	State Program	8	R-146	06-30-15
Ohio VAP	State Program	5	CL0033	10-16-15
Oklahoma	State Program	6	9412	08-31-15
Oregon	NELAP	10	TN200001	04-27-16
Pennsylvania	NELAP	3	68-00585	06-30-15
Rhode Island	State Program	1	LAO00268	12-30-15
South Carolina	State Program	4	84009 (001)	02-28-15 *
South Carolina (DW)	State Program	4	84009 (002)	02-23-17
Tennessee	State Program	4	2008	02-23-17
Texas	NELAP	6	T104704077	08-31-15
USDA	Federal		S-48469	10-30-16
Utah	NELAP	8	TN00032	07-31-15
Virginia	NELAP	3	460152	06-14-15
Washington	State Program	10	C789	07-19-15
West Virginia DEP	State Program	3	219	02-28-16
Wisconsin	State Program	5	998020430	08-31-15
Wyoming (UST)	A2LA	8	453.07	12-31-15

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	State Program	9	2891	03-31-16
Connecticut	State Program	1	PH-0688	09-30-16
Florida	NELAP	4	E871008	06-30-15

* Certification renewal pending - certification considered valid.

TestAmerica Nashville

Certification Summary

Client: ExxonMobil Company USA
Project/Site: Everett Terminal - Outfall 01 A

TestAmerica Job ID: 490-76988-1

Laboratory: TestAmerica Pittsburgh (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	04-30-15 *
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-16
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-16
North Carolina (WW/SW)	State Program	4	434	12-31-15
Pennsylvania	NELAP	3	02-00416	04-30-16
South Carolina	State Program	4	89014	04-30-15 *
Texas	NELAP	6	T104704528	03-31-16
US Fish & Wildlife	Federal		LE94312A-1	11-30-15
USDA	Federal		P-Soil-01	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-16
Wisconsin	State Program	5	998027800	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Nashville



COOLER RECEIPT FORM

Cooler Received/Opened On 4/22/2015 @ 0830

1. Tracking # 5371 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 0.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) msm

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) msm

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) msm

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) msm

I certify that I attached a label with the unique LIMS number to each container (initial) msm

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...# 1

Login Sample Receipt Checklist

Client: ExxonMobil Company USA

Job Number: 490-76988-1

Login Number: 76988

List Source: TestAmerica Nashville

List Number: 1

Creator: McBride, Mike

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: ExxonMobil Company USA

Job Number: 490-76988-1

Login Number: 76988

List Number: 2

Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh

List Creation: 04/23/15 06:32 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	